

### **ABSTRACT**

An electric double layered capacitor is provided, which can ensure a cooling capability by radiating heat to an outside air. The electric double layered capacitor comprises a capacitor cell 1 including a bag-shaped soft case in which a plurality of positive electrodes and negative electrodes, and a separator are received and laminated together with an electrolytic solution, a belt-shaped radiating fin 5a which extends from a rim of the soft case, a heat transfer frame 15 to sandwich the radiating fin 5a, and a metal hard case 21 for thermal radiation in which a plurality of the capacitor cells 1 are received/laminated through the heat transfer frames 15.